

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. (Previously Presented) A notebook computer system, comprising:
a first heat sink to passively dissipate heat from the notebook computer system;
a sensor system to monitor a temperature of a plurality of notebook computer system components, wherein the components comprise a display circuitry and a central processing system (CPU);
a second heat sink coupled to the first heat sink, wherein the second heat sink is enabled if the notebook computer system detects at least one of the components of the notebook computer system exceeds a predefined temperature threshold; and
a plurality of evaporators coupled to the components to remove heat from the components.
2. (Original) The notebook computer system of claim 1, wherein the first heat sink dissipates approximately 2-20 watts of power.
3. (Original) The notebook computer system of claim 1, wherein the second heat sink is enabled if the notebook computer system exceeds a predefined power consumption threshold.
4. (Original) The notebook computer system of claim 1, wherein the first heat sink passively dissipates heat through a display.

5. (Previously Presented) The notebook computer system of claim 4, wherein the display comprises a first plate comprising a first groove coupled to a second plate comprising a second groove, wherein a working fluid for heat transfer is distributed across the surface area of the display through the first and second grooves between the first plate and the second plate.
6. (Previously Presented) The notebook computer system of claim 5, wherein the first and second grooves between the first plate and second plate has a plurality of turns to improve temperature spreading.
7. (Original) The notebook computer system of claim 6, wherein the first plate and the second plate are each approximately one millimeter thick.
8. (Original) The notebook computer system of claim 5, further comprising an insulation layer to protect display circuitry from heat emanating from the first plate and the second plate.
9. (Previously Presented) A method, comprising:
dissipating heat from a notebook computer system through a display of a notebook computer system;
monitoring a temperature of the notebook computer system components, wherein the components comprise a display circuitry and a central processing system (CPU); and
dissipating heat from the notebook computer system by using a plurality of evaporators coupled to the components to remove heat from the components, wherein the heat is transported via a working fluid, a pump coupled to the evaporators to transport the working fluid to a heat exchanger, and a fan to remove heat from the heat exchanger if the notebook computer system detects at least one of the components of the notebook computer system exceeds a predefined temperature threshold.
10. (Original) The method of claim 9, further comprising:
monitoring a power consumption of a central processing unit (CPU).

11. (Original) The method of claim 10, further comprising:
disabling the fan if the power consumption of the CPU is less than a predefined power threshold.
- 12-13. (Canceled)
14. (Original) The method of claim 9, wherein the display comprises a screen, circuitry, and a cover, wherein heat passively dissipates through the display cover.
15. (Previously Presented) A thermal management system of a notebook computer system, comprising:
a plurality of heat generating components comprising a display circuitry and a central processing system (CPU);
a plurality of evaporators coupled to the components to remove heat from the components, wherein the heat is transported via a working fluid; and
a pump coupled to the evaporators to transport the working fluid from the evaporators to a heat exchanger, wherein a fan removes heat from the working fluid in the heat exchanger if at least one of the heat generating components exceeds a predefined temperature threshold; and
a display coupled to at least one of the evaporators, wherein the working fluid is spread across the surface area of the display to dissipate heat.
16. (Original) The thermal management system of claim 15, wherein the display dissipates approximately 2-20 watts of power.
17. (Original) The thermal management system of claim 15, further comprising:
a hinge to transfer the working fluid from the heat exchanger to the display, wherein the hinge comprises flexible tubing.

18. (Original) The thermal management system of claim 17, wherein the hinge comprises metal tubing to provide a hermetic seal.
19. (Original) The thermal management system of claim 15, wherein the working fluid comprises water.
20. (Previously Presented) A thermal management system, comprising:
means for cooling a notebook computer system passively;
means for detecting a temperature of a plurality of notebook computer system components, wherein the components comprise a display circuitry and a central processing system (CPU);
means for removing heat from the components using a plurality of evaporators coupled to the components; and
means for cooling the notebook computer system actively if a component of the computer system exceeds a threshold temperature.
21. (Canceled)
22. (Original) The thermal management system of claim 20, further comprising:
means for increasing a life of a battery of the notebook computer system.
23. (Original) The thermal management system of claim 20, further comprising:
means for spreading a working fluid temperature across a display of the notebook computer system.
24. (Original) The thermal management system of claim 20, further comprising:
means for pumping a working fluid through the notebook computer system.